

Sub 637
DI 19. (ONCE AMENDED) A terminal device for wavelength division multiplexing, comprising:

a plurality of optical senders for outputting optical signals having different wavelengths; and

an optical multiplexer for receiving said optical signals to output wavelength division multiplexed signal light;

wherein each of said optical senders comprises:

a light source for outputting a light beam;

an optical modulator for modulating said light beam in accordance with a main signal to output an optical signal; and

means for shutting down said optical signal when receiving at least one of a power alarm relating to on/off of power supply and a wavelength alarm relating to the wavelength of said light beam, wherein said power alarm and said wavelength alarm are provided inside of the respective optical sender.

BA 20. (ONCE AMENDED) An optical communication system for wavelength division multiplexing, comprising:

first and second terminal devices; and

an optical fiber transmission line for connecting said first and second terminal devices;

wherein at least one of said first and second terminal devices comprises:

a plurality of optical senders for outputting optical signals having different wavelengths; and

an optical multiplexer for receiving said optical signals to output wavelength division multiplexed signal light;

wherein each of said optical senders comprises:

a light source for outputting a light beam;

an optical modulator for modulating said light beam in accordance with a main signal to output an optical signal; and

means for shutting down said optical signal when receiving at least one of a power alarm relating to on/off of power supply and a wavelength alarm relating to the wavelength of said light beam, wherein said power alarm and said wavelength alarm are provided inside of the respective optical sender.

22. (ONCE AMENDED) An optical sender comprising:
 a light source outputting a light beam;
 an optical modulator modulating said light beam in accordance with a main signal
 to output an optical signal; and
 a shutting down device shutting down said optical signal when receiving at least
 one of a power alarm relating to on/off of power supply and a wavelength alarm relating to the
 wavelength of said light beam, wherein said power alarm and said wavelength alarm are
 provided inside the optical sender.

40. (ONCE AMENDED) A terminal device for wavelength division multiplexing,
 comprising:

a plurality of optical senders outputting optical signals having different
 wavelengths; and
 an optical multiplexer receiving said optical signals to output wavelength division
 multiplexed signal light:

wherein each of said optical senders comprises:

a light source outputting a light beam;
 an optical modulator modulating said light beam in accordance with a
 main signal to output an optical signal; and
 a shutting down device shutting down said optical signal when receiving at
 least one of a power alarm relating to on/off of power supply and a wavelength alarm relating to
 the wavelength of said light beam, wherein said power alarm and said wavelength alarm are
 provided inside of the respective optical sender.

41. (ONCE AMENDED) An optical communication system for wavelength division
 multiplexing, comprising:

first and second terminal devices; and
 an optical fiber transmission line connecting said first and second terminal
 devices;

wherein at least one of said first and second terminal devices comprises:

a plurality of optical senders outputting optical signals having different
 wavelengths; and

an optical multiplexer receiving said optical signals to output wavelength
 division multiplexed signal light;

wherein each of said optical senders comprises:
a light source outputting a light beam;
an optical modulator modulating said light beam in accordance
with a main signal to output an optical signal; and
a shutting down device shutting down said optical signal when
receiving at least one of a power alarm relating to on/off of power supply and a wavelength alarm
relating to the wavelength of said light beam, wherein said power alarm and said wavelength
alarm are provided inside of the respective optical sender.
